

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-23 16:15:10

Date of Next Testing: 2027-10-22 16:15:10

Product Name: **Ethyl 4-bromobutyrate**

CAS Number: 2969-81-5

Specifications & Purity: 90%

Lot #: J2318822

SKU #: **E639064**

Analysis: **288779**

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.455-1.458	1.46
Purity(GC)	90-100 (%)	96.52 %
Appearance(E639064)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager